

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 03/00381

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N27/14 G01F1/698 H01C17/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N G01F H01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-------------------------------------|
| X | US 4 472 239 A (HIGASHI ROBERT E ET AL) 18 September 1984 (1984-09-18) | 1-4, 20-25, 31, 32 |
| Y | abstract; figure 3 column 4, line 66 -column 5, line 19 column 6, line 38 - line 44 column 7, line 22 - line 29 column 8, line 59 -column 9, line 19 column 14, line 13 - line 24 --- | 5-7, 10-16, 18, 19, 26, 27 |
| Y | EP 1 275 967 A (HONEYWELL INC) 15 January 2003 (2003-01-15) paragraphs '0022!-'0026!, '0032!-'0038!, '0042!, '0045!, '0048!-'0051!; figures --- | 10-16, 26, 27 |
| | | -/- |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

10 December 2003

Date of mailing of the International search report

18/12/2003

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | CAVICCHI R E ET AL: "Spin-on nanoparticle tin oxide for microhotplate gas sensors" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 77, no. 1-2, 15 June 2001 (2001-06-15), pages 145-154, XP004246541 ISSN: 0925-4005 page 150 -page 151; figures 9-11 --- | 5-7,18 |
| A | LEE J-Y ET AL: "A characterization of the thermal parameters of thermally driven polysilicon microbridge actuators using electrical impedance analysis" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 75, no. 1, 4 May 1999 (1999-05-04), pages 86-92, XP004170608 ISSN: 0924-4247 page 90, left-hand column --- | 1,23 |
| Y | JI-SONG H ET AL: "Fabrication of thermal-isolation structure for microheater elements applicable to fingerprint sensors" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 100, no. 1, 15 August 2002 (2002-08-15), pages 114-122, XP004373768 ISSN: 0924-4247 paragraph '05.1! --- | 19 |
| E | WO 03 023794 A (GRUDIN OLEG ;FROLOV GENNADIY (CA); LANDSBERGER LESLIE M (CA); MICR) 20 March 2003 (2003-03-20) the whole document ----- | 1-32 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/00381

| Patent document cited in search report | Publication date | | Patent family member(s) | | Publication date |
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| EP 1275967 | A | 15-01-2003 | US 6234016 B1 EP 1275967 A1 EP 1363130 A2 DE 69817875 D1 EP 1049935 A2 WO 9934221 A2 | | 22-05-2001 15-01-2003 19-11-2003 09-10-2003 08-11-2000 08-07-1999 |
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